

Emergency stop mushroom pushbutton, 16 mm, round, plastic, red, latching, with rotate-to-unlatch mechanism, according to ISO 13850, 1 NC, with yellow backing plate, EMERGENCY STOP



Product brand name	SIRIUS
Design of the product	Complete unit round with positive latching in accordance with ISO 13850
Enclosure	
Number of command points	1
Actuator	
Design of the operating mechanism	Emergency stop mushroom pushbutton
Manner of function of the actuating element	Latching
Product extension optional Light source	No
Color	
• of the actuating element	Red
Material of the actuating element	plastic
Type of unlocking device	rotate-to-unlatch mechanism
Number of switching positions	2
Front ring	
Product component front ring	No
Holder	
Material of the holder	Plastic

Contact block/ lampholder	
Number of lampholders	0
Number of switching elements	1
General technical data	
Product function	
• positive opening	Yes
• EMERGENCY STOP function	Yes
Type of voltage	
• of the operating voltage	AC/DC
Protection class IP	IP65
Vibration resistance	
• acc. to IEC 60068-2-6	20 ... 200 Hz: 5g
Operating frequency maximum	1 000 1/h
Mechanical service life (switching cycles)	
• typical	10 000 000
Reference code acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750	S
Operating voltage	
• rated value	5 ... 250 V
Auxiliary circuit	
Number of NC contacts	
• for auxiliary contacts	1
Number of NO contacts	
• for auxiliary contacts	0
Number of CO contacts	
• for auxiliary contacts	0
Operating current at AC-12	
• at 24 V rated value	10 A
• at 60 V rated value	10 A
• at 110 V rated value	10 A
• at 230 V rated value	10 A
Operating current at AC-15	
• at 24 V rated value	4 A
• at 110 V rated value	4 A
• at 230 V rated value	4 A
Operating current at DC-12	
• at 24 V rated value	6 A
• at 60 V rated value	5 A
• at 110 V rated value	2.5 A
• at 230 V rated value	1 A
Operating current at DC-13	

• at 24 V rated value	3 A
• at 60 V rated value	1.2 A
• at 110 V rated value	0.7 A
• at 230 V rated value	0.3 A

Connections/Terminals

Type of electrical connection	tab terminals
Tightening torque of the screws in the bracket	0.4 N·m

Safety related data

B10 value	
• with high demand rate acc. to SN 31920	100 000
Proportion of dangerous failures	
• with low demand rate acc. to SN 31920	20 %
• with high demand rate acc. to SN 31920	20 %
Failure rate [FIT]	
• with low demand rate acc. to SN 31920	100 FIT
T1 value for proof test interval or service life acc. to IEC 61508	20 y

Ambient conditions

Ambient temperature	
• during operation	-25 ... +70 °C
• during storage	-40 ... +80 °C
Environmental category during operation acc. to IEC 60721	3K6




Installation/ mounting/ dimensions

Mounting type	front mounting
Shape of the installation opening	round
Mounting diameter	16 mm
Mounting height	21 mm
Installation width	28.5 mm
Installation depth	50 mm

Accessories

Marking of backing plate	Yellow backing plate, inscription "NOT-HALT"
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Certificates/approvals

General Product Approval	Declaration of Conformity	Test Certificates	other		
 CCC		 EG-Konf.	Special Test Certificate	Miscellaneous	Confirmation

other
Environmental Confirmations

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalogs>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SB2203-1AC01>

Cax online generator

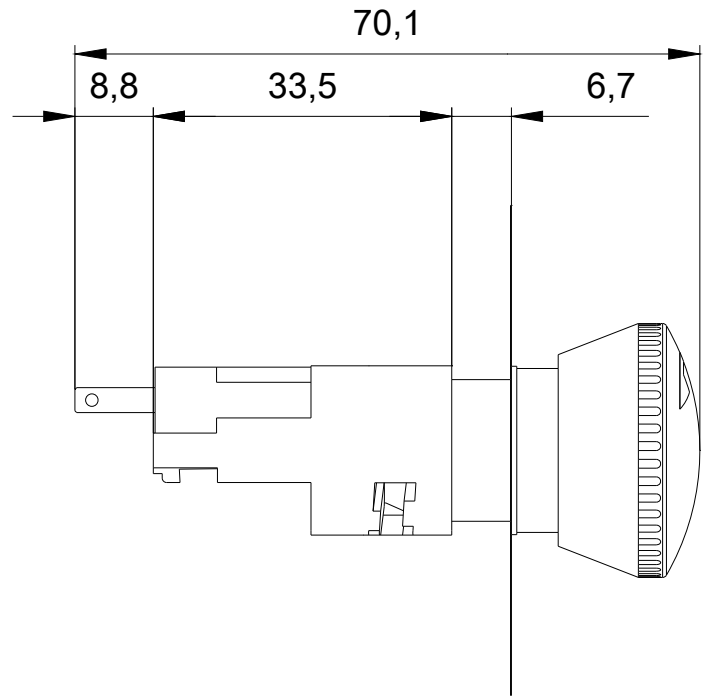
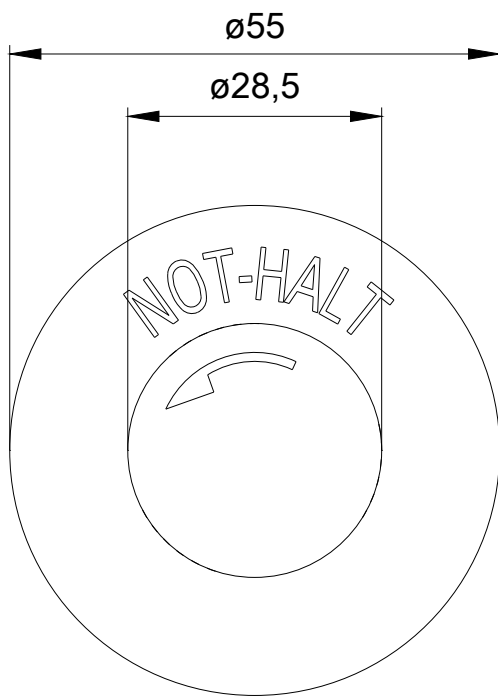
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SB2203-1AC01>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3SB2203-1AC01>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SB2203-1AC01&lang=en



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05/24/2018